

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 131.7 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.54 dBV/m

Emission category: M3

MIF scaled E-field

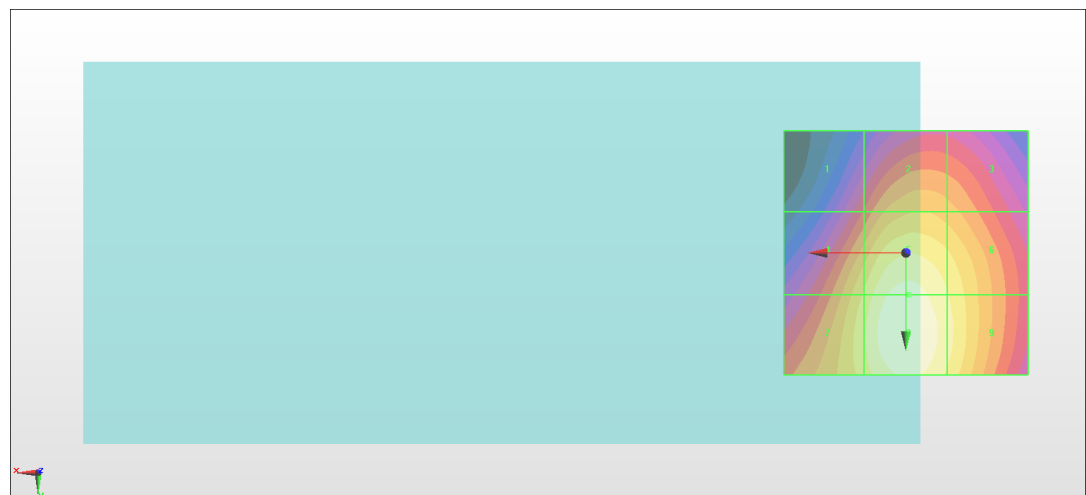
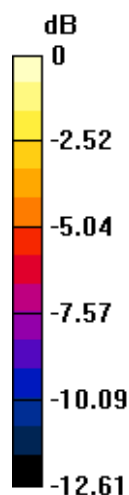
Grid 1 M4 35.84 dBV/m	Grid 2 M4 38.2 dBV/m	Grid 3 M4 37.76 dBV/m
Grid 4 M4 39.19 dBV/m	Grid 5 M3 41.07 dBV/m	Grid 6 M4 39.9 dBV/m
Grid 7 M4 39.78 dBV/m	Grid 8 M3 41.54 dBV/m	Grid 9 M3 40.19 dBV/m

Cursor:

Total = 41.54 dBV/m

E Category: M3

Location: 0, 16.5, 8.7 mm



0 dB = 119.4 V/m = 41.54 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 123.1 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.09 dBV/m

Emission category: M3

MIF scaled E-field

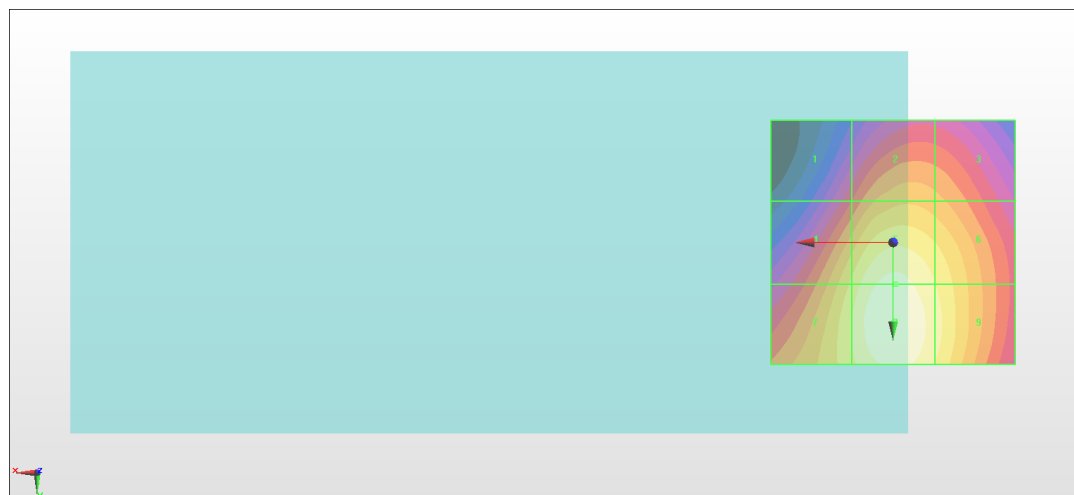
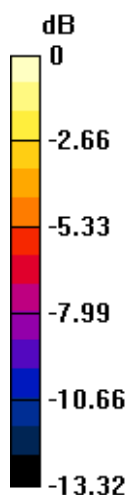
Grid 1 M4 34.91 dBV/m	Grid 2 M4 37.42 dBV/m	Grid 3 M4 37.03 dBV/m
Grid 4 M4 38.63 dBV/m	Grid 5 M3 40.53 dBV/m	Grid 6 M4 39.37 dBV/m
Grid 7 M4 39.34 dBV/m	Grid 8 M3 41.09 dBV/m	Grid 9 M4 39.74 dBV/m

Cursor:

Total = 41.09 dBV/m

E Category: M3

Location: 0, 16.5, 8.7 mm



0 dB = 113.4 V/m = 41.09 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 115.9 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.79 dBV/m

Emission category: M3

MIF scaled E-field

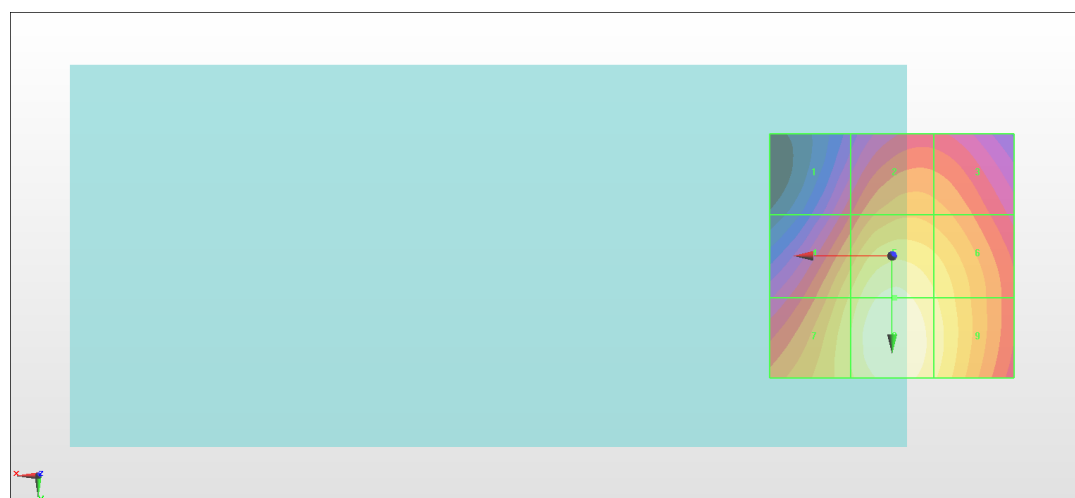
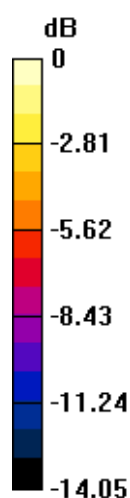
Grid 1 M4 34.25 dBV/m	Grid 2 M4 36.95 dBV/m	Grid 3 M4 36.68 dBV/m
Grid 4 M4 38.18 dBV/m	Grid 5 M3 40.17 dBV/m	Grid 6 M4 39.08 dBV/m
Grid 7 M4 38.99 dBV/m	Grid 8 M3 40.79 dBV/m	Grid 9 M4 39.51 dBV/m

Cursor:

Total = 40.79 dBV/m

E Category: M3

Location: 0, 17, 8.7 mm



0 dB = 109.6 V/m = 40.80 dBV/m

#04_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.07 V/m; Power Drift = 0.19 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.02 dBV/m

Emission category: M4

MIF scaled E-field

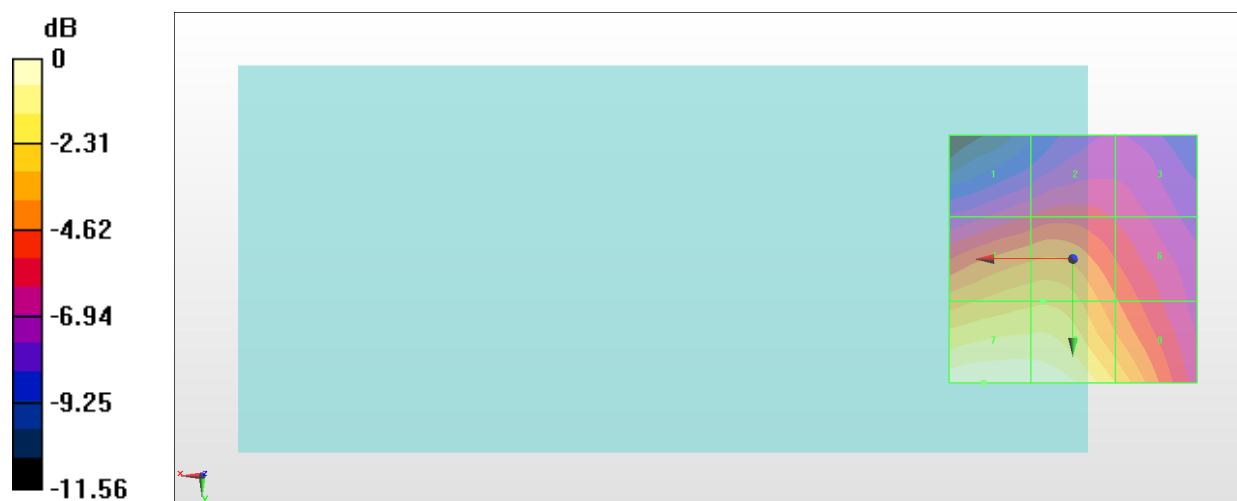
Grid 1 M4 29 dBV/m	Grid 2 M4 29.37 dBV/m	Grid 3 M4 28.78 dBV/m
Grid 4 M4 32.53 dBV/m	Grid 5 M4 32.61 dBV/m	Grid 6 M4 30.54 dBV/m
Grid 7 M4 35.02 dBV/m	Grid 8 M4 34.93 dBV/m	Grid 9 M4 32.74 dBV/m

Cursor:

Total = 35.02 dBV/m

E Category: M4

Location: 18, 25, 8.7 mm



0 dB = 56.38 V/m = 35.02 dBV/m

#05_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.92 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.38 dBV/m

Emission category: M4

MIF scaled E-field

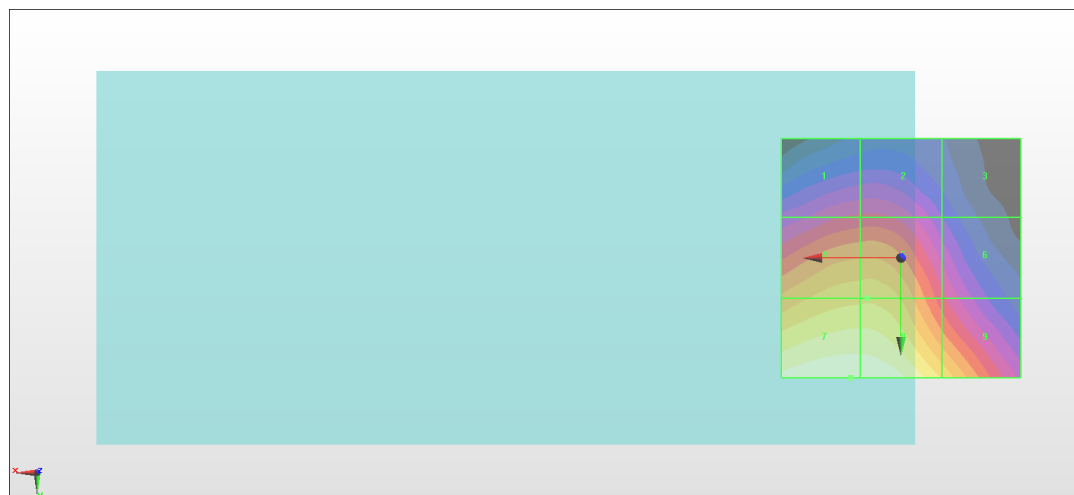
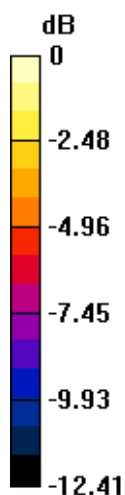
Grid 1 M4 29.01 dBV/m	Grid 2 M4 29.05 dBV/m	Grid 3 M4 26.36 dBV/m
Grid 4 M4 32.72 dBV/m	Grid 5 M4 32.76 dBV/m	Grid 6 M4 29.14 dBV/m
Grid 7 M4 35.38 dBV/m	Grid 8 M4 35.35 dBV/m	Grid 9 M4 32.83 dBV/m

Cursor:

Total = 35.38 dBV/m

E Category: M4

Location: 10.5, 25, 8.7 mm



0 dB = 58.77 V/m = 35.38 dBV/m

#06_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.53 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.45 dBV/m

Emission category: M4

MIF scaled E-field

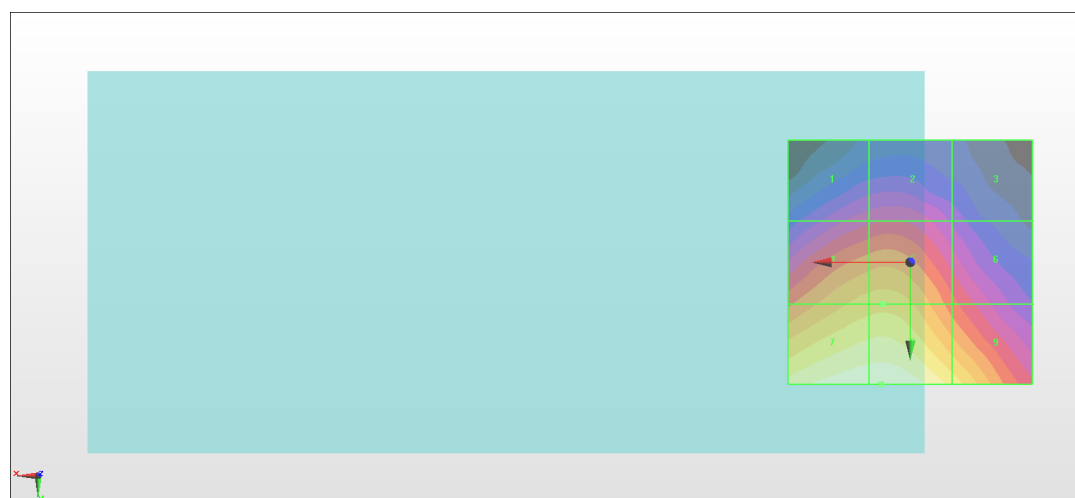
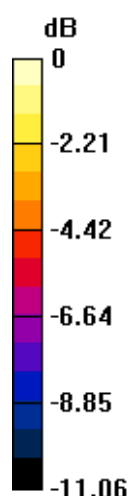
Grid 1 M4 27.38 dBV/m	Grid 2 M4 27.59 dBV/m	Grid 3 M4 25.95 dBV/m
Grid 4 M4 30.86 dBV/m	Grid 5 M4 30.97 dBV/m	Grid 6 M4 28.63 dBV/m
Grid 7 M4 33.38 dBV/m	Grid 8 M4 33.45 dBV/m	Grid 9 M4 31.77 dBV/m

Cursor:

Total = 33.45 dBV/m

E Category: M4

Location: 6, 25, 8.7 mm



0 dB = 47.03 V/m = 33.45 dBV/m

#07_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.99 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.74 dBV/m

Emission category: M4

MIF scaled E-field

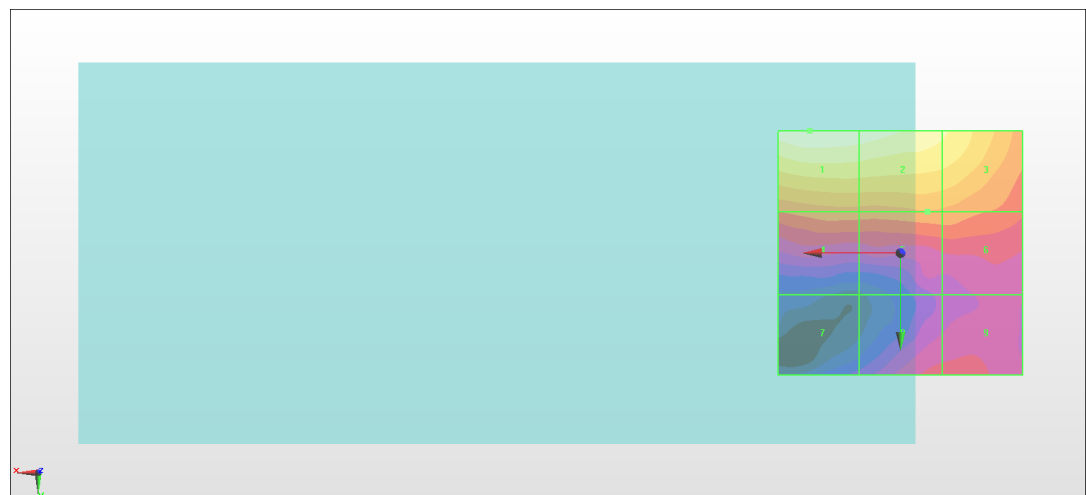
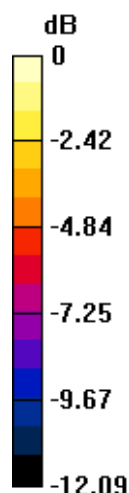
Grid 1 M4 28.74 dBV/m	Grid 2 M4 28.55 dBV/m	Grid 3 M4 27.3 dBV/m
Grid 4 M4 24.44 dBV/m	Grid 5 M4 24.65 dBV/m	Grid 6 M4 24.57 dBV/m
Grid 7 M4 20.33 dBV/m	Grid 8 M4 22.79 dBV/m	Grid 9 M4 22.85 dBV/m

Cursor:

Total = 28.74 dBV/m

E Category: M4

Location: 18.5, -25, 8.7 mm



0 dB = 27.35 V/m = 28.74 dBV/m

#08_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.97 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.44 dBV/m

Emission category: M4

MIF scaled E-field

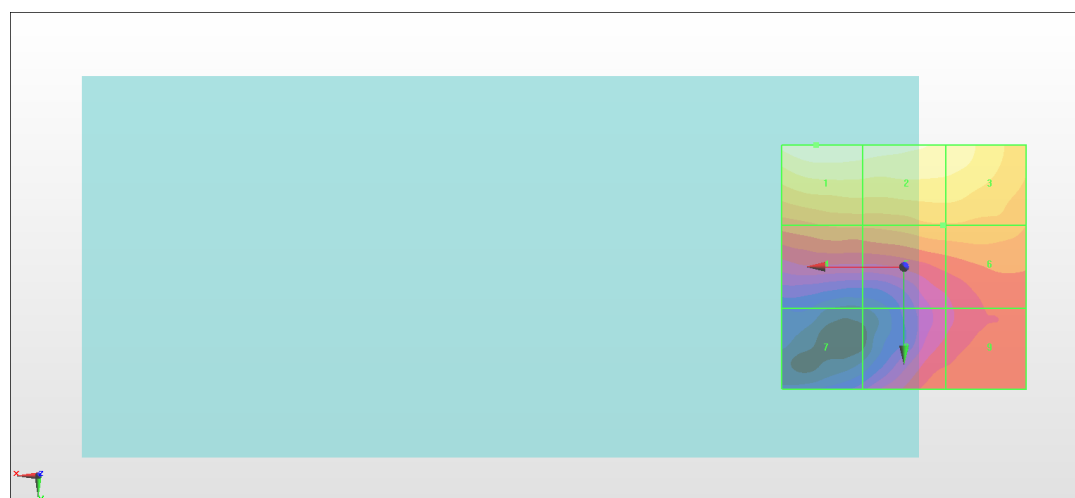
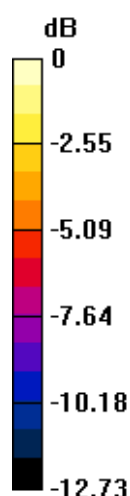
Grid 1 M4 29.44 dBV/m	Grid 2 M4 29.3 dBV/m	Grid 3 M4 28.38 dBV/m
Grid 4 M4 25.36 dBV/m	Grid 5 M4 25.96 dBV/m	Grid 6 M4 25.96 dBV/m
Grid 7 M4 20.68 dBV/m	Grid 8 M4 24.23 dBV/m	Grid 9 M4 24.37 dBV/m

Cursor:

Total = 29.44 dBV/m

E Category: M4

Location: 18, -25, 8.7 mm



0 dB = 29.64 V/m = 29.44 dBV/m

#09_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.41 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.44 dBV/m

Emission category: M3

MIF scaled E-field

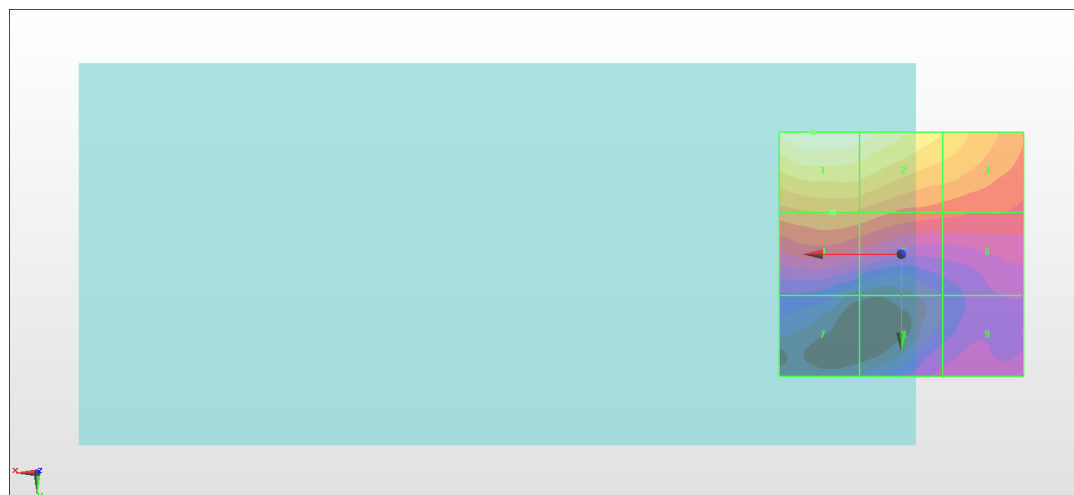
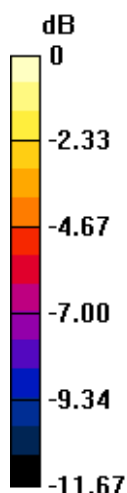
Grid 1 M3 30.44 dBV/m	Grid 2 M3 30.15 dBV/m	Grid 3 M4 28.13 dBV/m
Grid 4 M4 26.64 dBV/m	Grid 5 M4 26.42 dBV/m	Grid 6 M4 25.28 dBV/m
Grid 7 M4 21.81 dBV/m	Grid 8 M4 23.04 dBV/m	Grid 9 M4 23.22 dBV/m

Cursor:

Total = 30.44 dBV/m

E Category: M3

Location: 18, -25, 8.7 mm



0 dB = 33.26 V/m = 30.44 dBV/m

#10_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.013 V/m; Power Drift = -0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.37 dBV/m

Emission category: M4

MIF scaled E-field

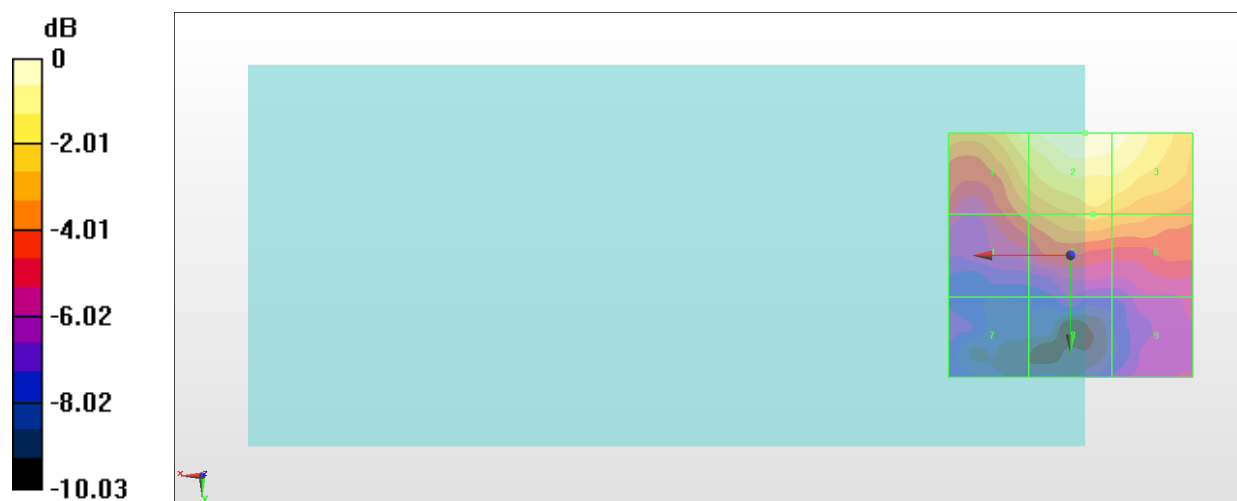
Grid 1 M4 19.49 dBV/m	Grid 2 M4 20.37 dBV/m	Grid 3 M4 20.13 dBV/m
Grid 4 M4 16.75 dBV/m	Grid 5 M4 18.02 dBV/m	Grid 6 M4 17.68 dBV/m
Grid 7 M4 13.48 dBV/m	Grid 8 M4 13.76 dBV/m	Grid 9 M4 14.83 dBV/m

Cursor:

Total = 20.37 dBV/m

E Category: M4

Location: -3, -25, 8.7 mm



0 dB = 10.43 V/m = 20.37 dBV/m

#11_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.81 V/m; Power Drift = -0.14 dB

Applied MIF = -1.62 dB

RF audio interference level = 20.82 dBV/m

Emission category: M4

MIF scaled E-field

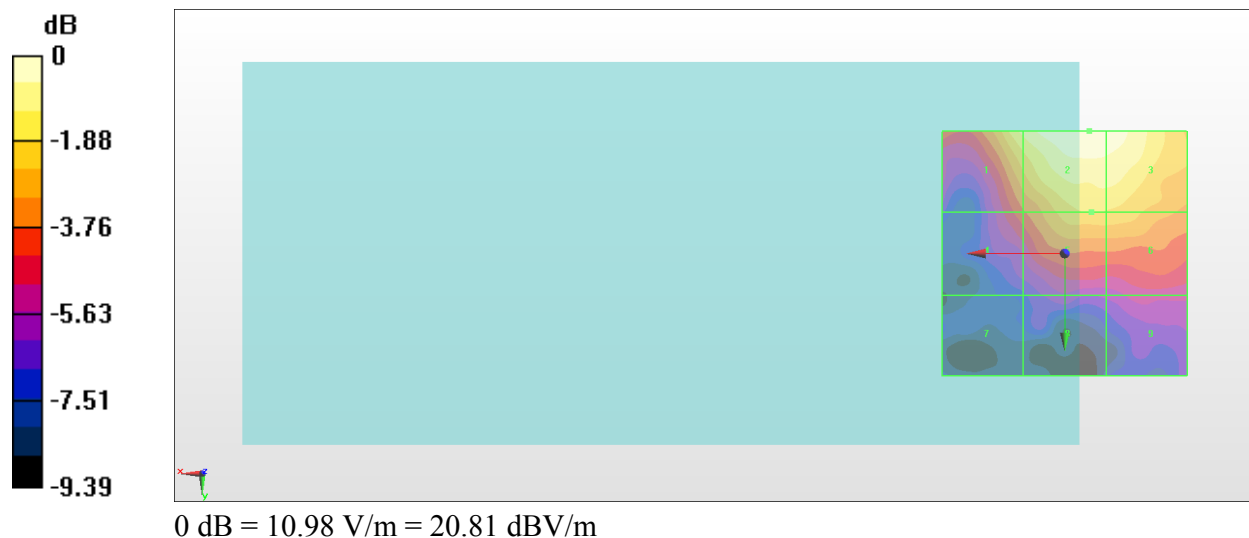
Grid 1 M4 19.81 dBV/m	Grid 2 M4 20.82 dBV/m	Grid 3 M4 20.7 dBV/m
Grid 4 M4 16.97 dBV/m	Grid 5 M4 19 dBV/m	Grid 6 M4 18.89 dBV/m
Grid 7 M4 13.76 dBV/m	Grid 8 M4 15.13 dBV/m	Grid 9 M4 15.56 dBV/m

Cursor:

Total = 20.82 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



#12_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.831 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 19.95 dBV/m

Emission category: M4

MIF scaled E-field

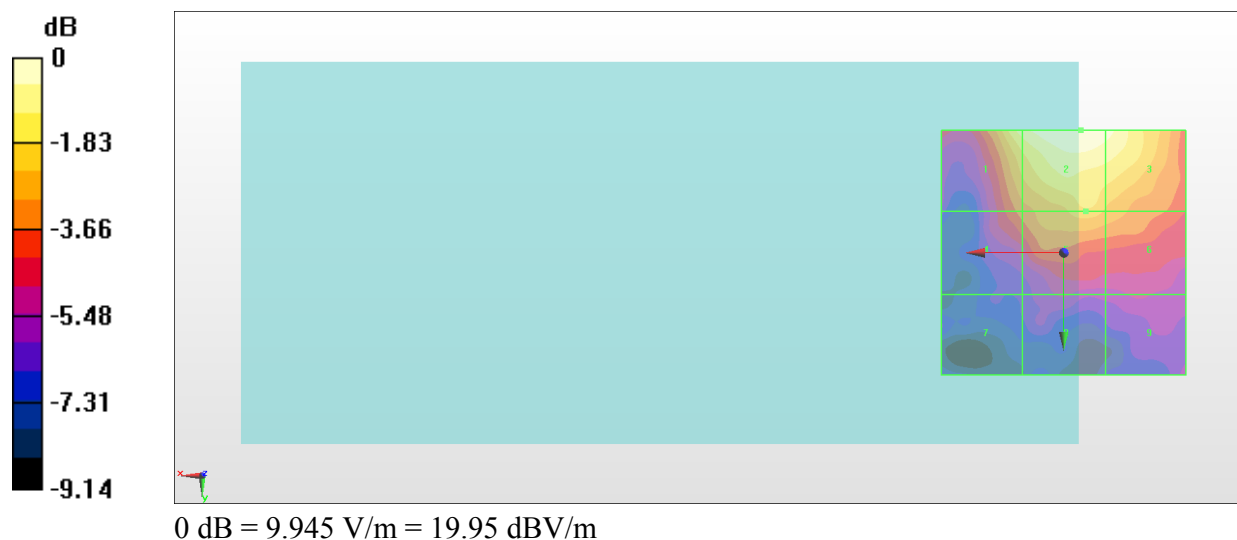
Grid 1 M4 19.13 dBV/m	Grid 2 M4 19.95 dBV/m	Grid 3 M4 19.6 dBV/m
Grid 4 M4 16.6 dBV/m	Grid 5 M4 17.97 dBV/m	Grid 6 M4 17.43 dBV/m
Grid 7 M4 13.51 dBV/m	Grid 8 M4 14.58 dBV/m	Grid 9 M4 14.6 dBV/m

Cursor:

Total = 19.95 dBV/m

E Category: M4

Location: -3.5, -25, 8.7 mm



#13_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.53 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 21.15 dBV/m

Emission category: M4

MIF scaled E-field

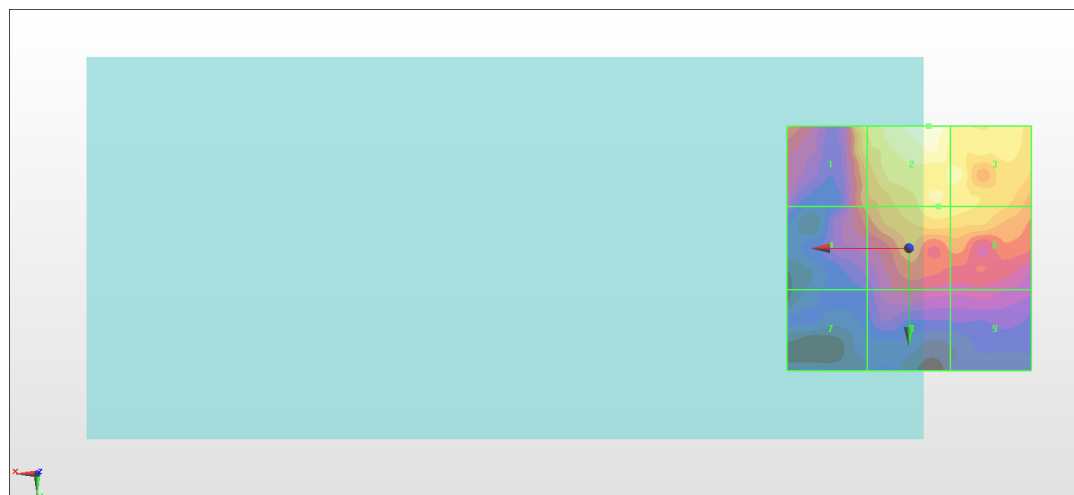
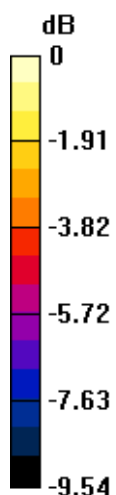
Grid 1 M4 19.64 dBV/m	Grid 2 M4 21.15 dBV/m	Grid 3 M4 20.19 dBV/m
Grid 4 M4 17.63 dBV/m	Grid 5 M4 19.74 dBV/m	Grid 6 M4 19.53 dBV/m
Grid 7 M4 14.36 dBV/m	Grid 8 M4 16.3 dBV/m	Grid 9 M4 15.95 dBV/m

Cursor:

Total = 21.15 dBV/m

E Category: M4

Location: -4, -25, 8.7 mm



0 dB = 11.42 V/m = 21.15 dBV/m

#14_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.137 V/m; Power Drift = 0.15 dB

Applied MIF = -1.62 dB

RF audio interference level = 19.60 dBV/m

Emission category: M4

MIF scaled E-field

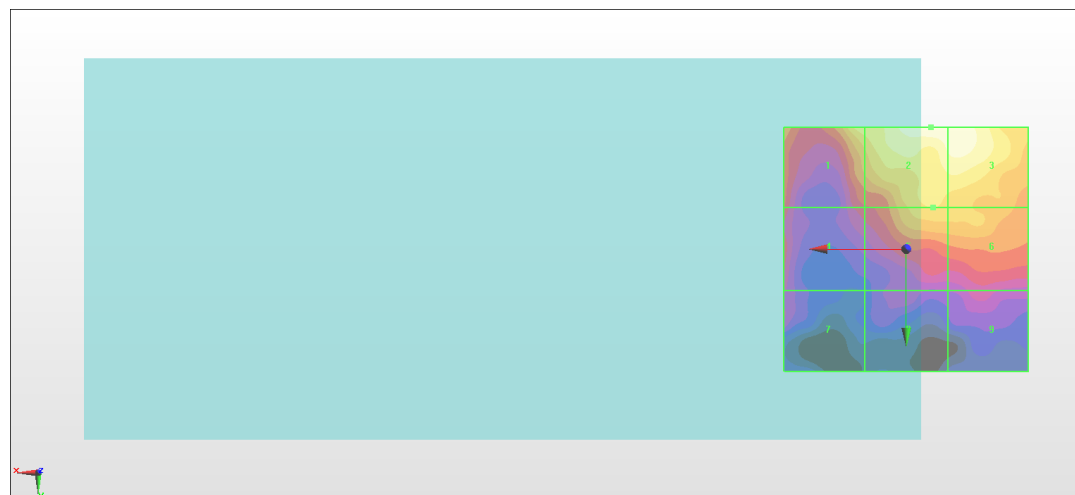
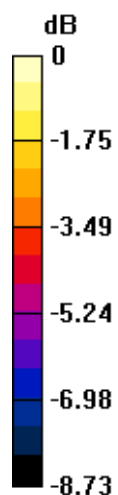
Grid 1 M4 18.43 dBV/m	Grid 2 M4 19.6 dBV/m	Grid 3 M4 19.44 dBV/m
Grid 4 M4 15.59 dBV/m	Grid 5 M4 17.87 dBV/m	Grid 6 M4 17.55 dBV/m
Grid 7 M4 14.54 dBV/m	Grid 8 M4 14.38 dBV/m	Grid 9 M4 14.8 dBV/m

Cursor:

Total = 19.60 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 9.554 V/m = 19.60 dBV/m

#15_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1_Chain 0

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.46 V/m; Power Drift = 0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 25.08 dBV/m

Emission category: M4

MIF scaled E-field

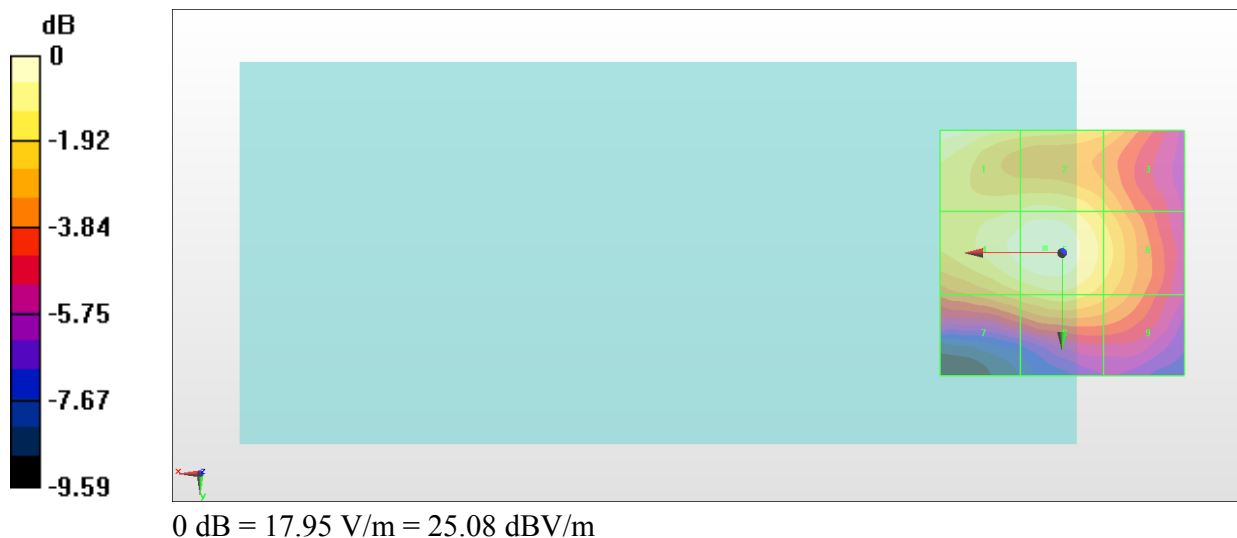
Grid 1 M4 24.92 dBV/m	Grid 2 M4 24.09 dBV/m	Grid 3 M4 22.89 dBV/m
Grid 4 M4 24.73 dBV/m	Grid 5 M4 25.08 dBV/m	Grid 6 M4 23.6 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 23.61 dBV/m	Grid 9 M4 22.76 dBV/m

Cursor:

Total = 25.08 dBV/m

E Category: M4

Location: 3.5, -1, 8.7 mm



#16_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6_Chain 0

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.62 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 25.03 dBV/m

Emission category: M4

MIF scaled E-field

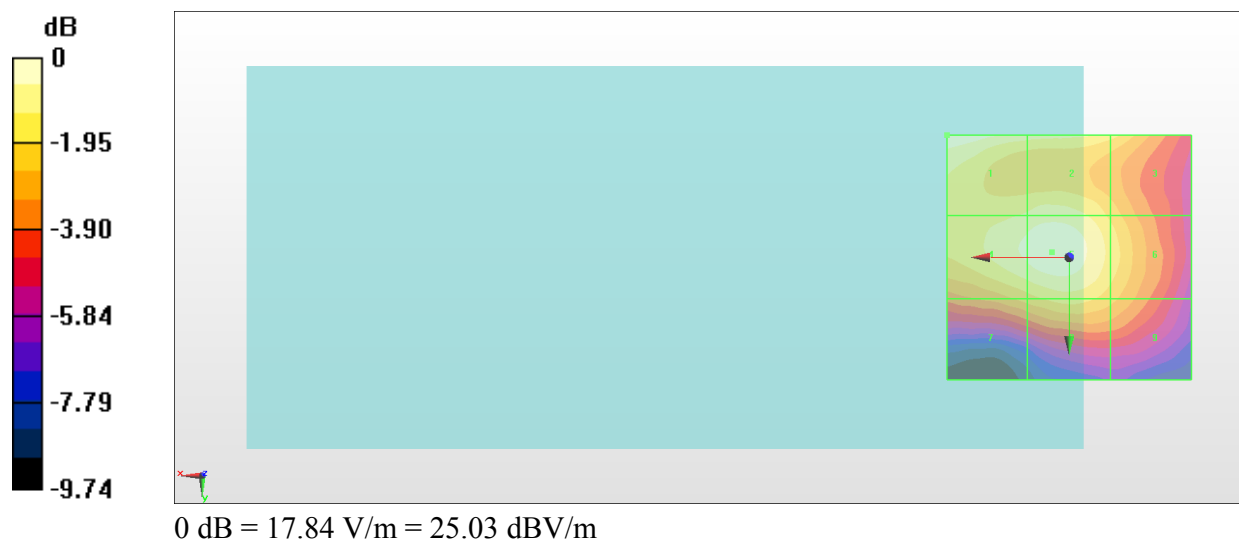
Grid 1 M4 25.03 dBV/m	Grid 2 M4 24.19 dBV/m	Grid 3 M4 23.41 dBV/m
Grid 4 M4 24.56 dBV/m	Grid 5 M4 24.91 dBV/m	Grid 6 M4 23.5 dBV/m
Grid 7 M4 22.76 dBV/m	Grid 8 M4 23.4 dBV/m	Grid 9 M4 22.66 dBV/m

Cursor:

Total = 25.03 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



#17_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11_Chain 0

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.69 V/m; Power Drift = 0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 25.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.16 dBV/m	Grid 2 M4 24.7 dBV/m	Grid 3 M4 24.02 dBV/m
Grid 4 M4 23.71 dBV/m	Grid 5 M4 24.16 dBV/m	Grid 6 M4 22.93 dBV/m
Grid 7 M4 22.07 dBV/m	Grid 8 M4 22.92 dBV/m	Grid 9 M4 22.36 dBV/m

Cursor:

Total = 25.16 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



#18_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1_Chain 1

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.561 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 16.06 dBV/m

Emission category: M4

MIF scaled E-field

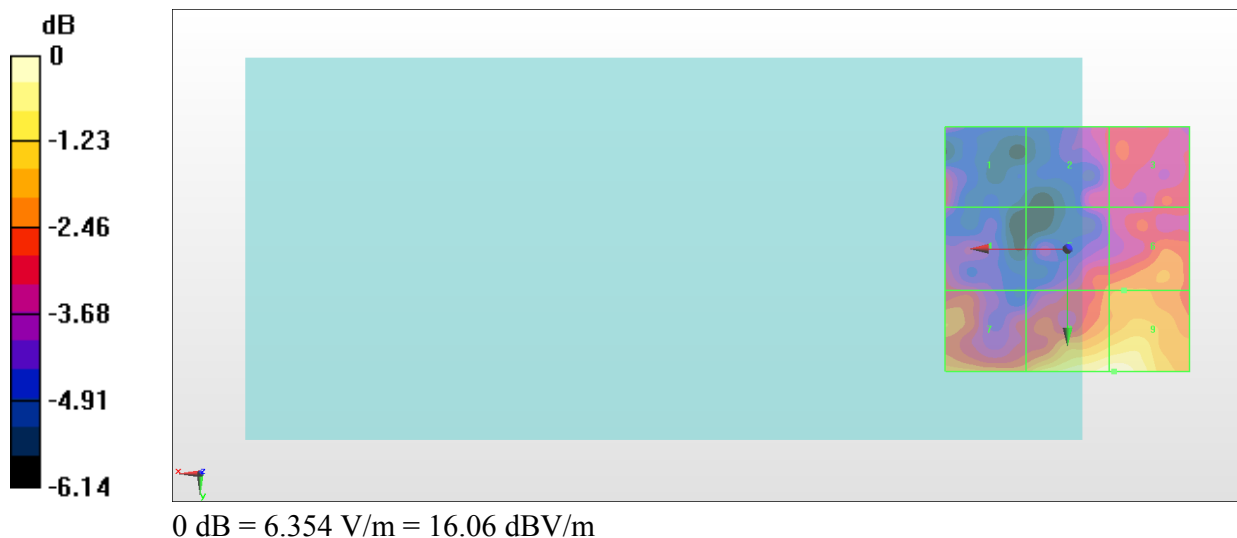
Grid 1 M4 13.29 dBV/m	Grid 2 M4 12.96 dBV/m	Grid 3 M4 13.31 dBV/m
Grid 4 M4 12.98 dBV/m	Grid 5 M4 13.81 dBV/m	Grid 6 M4 14.1 dBV/m
Grid 7 M4 14.37 dBV/m	Grid 8 M4 16.03 dBV/m	Grid 9 M4 16.06 dBV/m

Cursor:

Total = 16.06 dBV/m

E Category: M4

Location: -9.5, 25, 8.7 mm



#19_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6_Chain 1

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.966 V/m; Power Drift = 0.06 dB

Applied MIF = 0.12 dB

RF audio interference level = 18.37 dBV/m

Emission category: M4

MIF scaled E-field

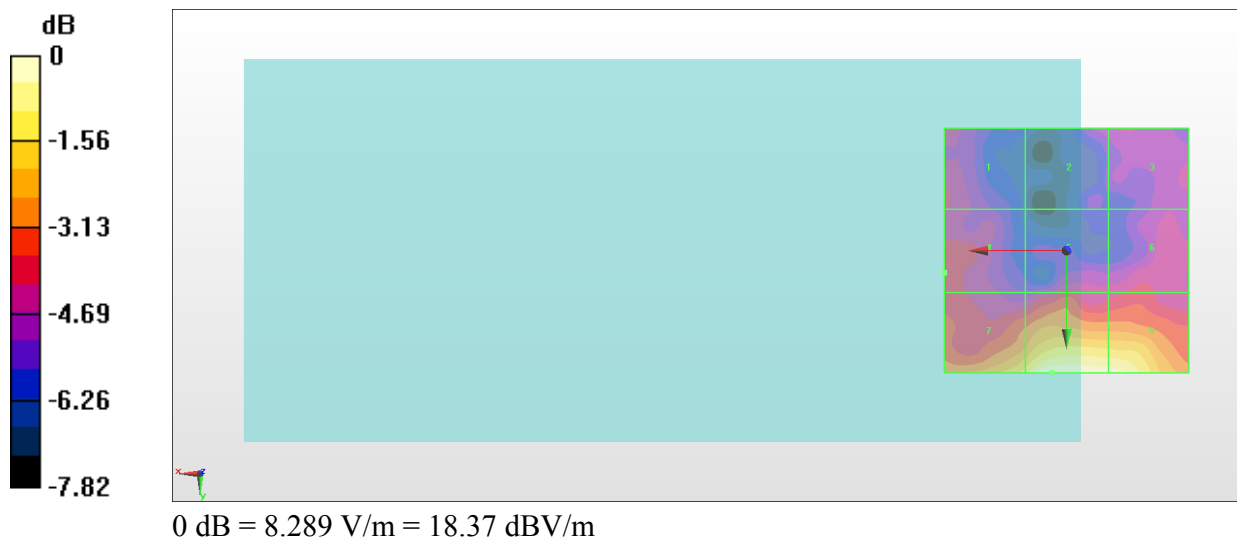
Grid 1 M4 14.38 dBV/m	Grid 2 M4 13.65 dBV/m	Grid 3 M4 13.98 dBV/m
Grid 4 M4 14.54 dBV/m	Grid 5 M4 14.38 dBV/m	Grid 6 M4 14.39 dBV/m
Grid 7 M4 17.13 dBV/m	Grid 8 M4 18.37 dBV/m	Grid 9 M4 18.18 dBV/m

Cursor:

Total = 18.37 dBV/m

E Category: M4

Location: 3, 25, 8.7 mm



#20_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11_Chain 1

Communication System: 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.041 V/m; Power Drift = 0.13 dB

Applied MIF = 0.12 dB

RF audio interference level = 16.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.99 dBV/m	Grid 2 M4 12.95 dBV/m	Grid 3 M4 13.46 dBV/m
Grid 4 M4 14.24 dBV/m	Grid 5 M4 13.03 dBV/m	Grid 6 M4 13.32 dBV/m
Grid 7 M4 14.99 dBV/m	Grid 8 M4 16.41 dBV/m	Grid 9 M4 16.44 dBV/m

Cursor:

Total = 16.44 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm

